





PATENTS  
15311-2289

3

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of:	)	
David Hartwell et al.	)	
	)	Examiner: Not Yet Assigned
Serial No.: 09/652,459	)	
	)	
Filed: August 31, 2000	)	Art Unit: 2816
	)	
For: CLOCK FORWARDING DATA	)	
RECOVERY	)	
	)	
		Cesari and McKenna, LLP
		88 Black Falcon Avenue
		Boston, MA 02210
		December 1, 2000

"Express Mail" Mailing-Label Number: EL 705595892US

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

Enclosed in response to the Notice to File Missing Parts of Application-Filing Date Granted mailed October 13, 2000, is a Declaration for Patent Application executed by the inventors, along with checks in the amount of \$710.00 to cover the filing fee and \$130.00 to cover the surcharge for this Response. The above-referenced application filed in the Patent and Trademark Office is the application that the inventors executed by signing the enclosed Declaration.



PATENTS  
15311-2289

Please charge any additional fee occasioned by this paper to our Deposit Account

No. 03-1237.

Respectfully submitted,

A handwritten signature in cursive script, reading "Michael R. Reinemann", written over a horizontal line.

Michael R. Reinemann  
Reg. No. 38,280  
CESARI AND MCKENNA, LLP  
88 Black Falcon Avenue  
Boston, MA 02210-2414  
(617) 951-2500



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In Re The Application of:	)	
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Boston, MA 02210  
(617) 951-2500

"Express Mail" Mailing-Label Number: EL705595892US

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**ATTN: Application Processing Division - Customer Correction Branch**

Sir:

**REQUEST TO CORRECT FILING RECEIPT**

The title on the Filing Receipt is incorrect for the above-identified application. The correct title should be "Clock Forwarding Data Recovery" not "Enhanced Clock Forwarding Data Recovery". Also, please change inventor Darrell D. Donaldson to "Darrel D. Donaldson" as indicate on the enclosed filing receipt.



PATENTS  
15311-2289

The Commissioner is hereby authorized to charge any fees under 37 C.F.R.

§§1.16 and 1.17 that may be required, or credit any overpayment, to our Deposit Account

No. 03-1237.

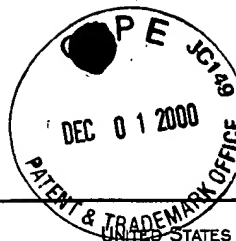
Respectfully submitted,

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Michael R. Reinemann  
Reg. No. 38,280  
Cesari and McKenna  
88 Black Falcon Avenue  
Boston, MA 02210  
(617) 951-2500



## UNITED STATES PATENT AND TRADEMARK OFFICE



COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/652,459	08/31/2000	2816	0	15311-9822	1	5	2

24267  
CESARI AND MCKENNA, LLP  
30 ROWES WHARF  
BOSTON, MA 02110

## FILING RECEIPT



\*OC000000005473284\*

Date Mailed: 10/13/2000

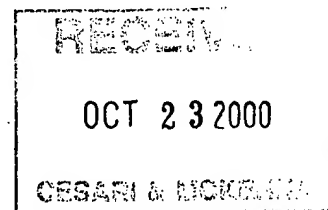
Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

David Hartwell, Residence Not Provided;  
-Darrell Donaldson, Residence Not Provided;

Darrel

## Continuing Data as Claimed by Applicant



## Foreign Applications

If Required, Foreign Filing License Granted 10/13/2000

## Title

-Enhanced clock forwarding data recovery

## Preliminary Class

327

Data entry by : ROBEL, ROMAN

Team : OIPE

Date: 10/13/2000



# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

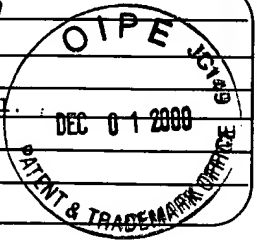
Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

**TOTAL AMOUNT OF PAYMENT (\$)** 880

## Complete If Known

Application Number 09/652,459  
Filing Date August 31, 2000  
First Named Inventor David Hartwell et al.  
Examiner Name Not Yet Assigned  
Group / Art Unit 2816  
Attorney Docket No. 15311-2289



### METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 03-1237

Deposit Account Name Cesari and McKenna, LLP

- ☒ Charge Any Additional Fee Required Under 37 C.F.R. §§1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 C.F.R. §§1.18 at the Mailing of the Notice of Allowance

2. ☒ Payment Enclosed:  
☒ Check ☐ Money ☐ Other Order

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	35			Utility filing fee	710
106	320	206	160			Design filing fee	
107	490	207	245			Plant filing fee	
108	710	208	355			Reissue filing fee	
114	150	214	75			Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>							710

#### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
20**	0	0	0
Independent Claims	3**	0	0
Multiple Dependent			0

\*\*or number previously paid, if greater, For Reissues, see below

Large Entity		Small Entity		
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent.
SUBTOTAL (2)				(\$) 0

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65			Fee Surcharge - late filing fee or oath	130
127	50	227	25			Surcharge - late provisional filing fee or cover sheet	
139	130	139	130			Non-English Specification	
147	2,520	147	2,520			For filing a request for reexamination	
112	920	112	920*			Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840*			Requesting publication of SIR after Examiner action	
115	110	215	55			Extension for reply within first month	
116	390	216	195			Extension for reply within second month	
117	890	217	445			Extension for reply within third month	
118	1,390	218	695			Extension for reply within fourth month	
128	1,890	128	945			Extension for reply within fifth month	
119	310	219	155			Notice of Appeal	
120	310	220	155			Filing a brief in support of an appeal	
121	270	221	135			Request for oral hearing	
138	1,510	138	1,510			Petition to institute a public use proceeding	
140	110	240	55			Petition to revive - unavoidable	
141	1,240	241	620			Petition to revive - unintentional	
142	1,240	242	620			Utility Issue fee (or reissue)	
143	440	243	220			Design Issue fee	
144	600	244	300			Plant Issue fee	
122	130	122	130			Petitions to the Commissioner	
123	50	123	50			Petitions related to provisional applications	
126	240	126	240			Submission of Information Disclosure Stmt	
581	40	581	40			Recording each patent assignment per property (times number of properties)	40
146	710	246	355			Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355			For each additional invention to be examined (37 CFR 1.129(b))	
<b>SUBTOTAL (3) (\$)</b>							170

\*Reduced by Basic Filing Fee Paid

### SUBMITTED BY

Typed or Printed Name Michael R. Reinemann

Signature

*Michael R. Reinemann*

Date

December 1, 2000

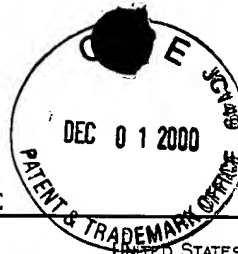
### Complete (if applicable)

Reg. Number 38,280

Deposit Account User ID



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/652,459	08/31/2000	David Hartwell	15311-9822

24267  
CESARI AND MCKENNA, LLP  
30 ROWES WHARF  
BOSTON, MA 02110

## FORMALITIES LETTER



\*OC000000005473285\*

Date Mailed: 10/13/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 690 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 820.

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*A copy of this notice **MUST** be returned with the reply.*

  
\_\_\_\_\_  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

12/06/2000 WKORDMA 00000047 09652459

01 FC:101  
02 FC:105710.00 OP  
130.00 OP